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RCA MR20035 USER MANUAL

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RCA

Television User's Guide

Changing Entertainment. Again.

Please read this manual before operating this product for the first time.

TOCOM 15747070

Model: MR20035

Important Information

WARNING

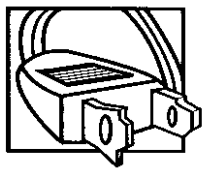
To reduce the risk of fire or electric shock, do not expose this TV to rain or moisture.

WARNING
RISK OF ELECTRIC SHOCK
DO NOT OPEN

To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.



Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Power Consumption: 120V ~ 60 Hz A.C.
105 W (for model MR20035)

If fixed (non-moving) images are left on the screen for long periods, they may be permanently imprinted on the picture tube. Such images include network logos, phone numbers, and video games. This damage is not covered by your warranty. Extended viewing of channels displaying these images should be avoided.

Cable TV Installer: This reminder is provided to call your attention to Article 820-40 of the National Electrical Code which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

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Things to Consider Before You Connect

Protect Against Power Surges

- Connect all components before you plug any of their power cords into the wall outlet.
- Turn off the TV and/or component before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safeguards sheet packed with your TV.

Protect Components from Overheating

- Don't block ventilation holes on any of the components. Arrange the components so that air can circulate freely.
- Don't stack components.
- When you place components in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other components.

Position Cables Properly to Avoid Audio Interference

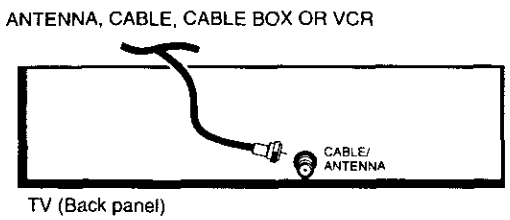
- Insert each cable firmly into the designated jack.
- If you place components above the TV, route all cables down the side of the back of the TV instead of straight down the middle of the back of the TV.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.

Important Stand and Base Safety Information

Choose the location for your TV carefully. Place the TV on a stand or base that is of adequate size and strength to prevent the TV from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage the TV. Refer to the Important Safeguards sheet packed with your TV.

Use Indirect Light

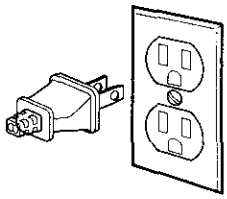
Don't place the TV where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.



Connect your TV

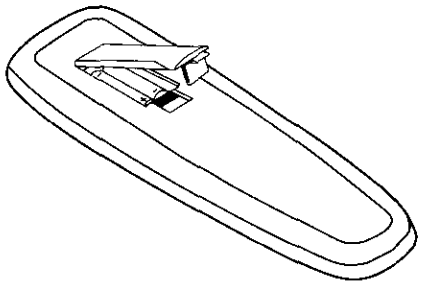
Connect the cable from your cable system or off-air antenna to the cable in-jack on the back of the TV, as shown.

Caution: *If you choose to use a stand with your TV, take precautions that the stand or other furniture the TV is placed on is properly located and of adequate size and strength to prevent the TV from accidentally being pushed off, pulled off, or tipped over. This could cause damage to the TV and/or personal injury.*



Plug in the TV

Plug the end of the power cord into the wall outlet. Match the wide blade of the plug with the wide slot in the outlet. Insert the plug completely into the outlet.



Put Batteries in the Remote

1. Remove the battery compartment cover on the remote.
2. Insert new batteries. Match the polarities (+ and -) on the batteries with the diagram on the remote.
3. Put the battery compartment cover back on the remote.

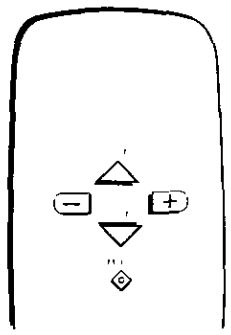
Turn on the TV

Press the POWER button on the remote control or the TV.

Read *Menus and Features* (starting on the next page), which is a brief overview of the basic rules for getting around in the menus using the remote or the TV's front control panel.

Auto Channel Search.

Perform an Auto Channel Search (described in the *Channel* menu section).



Use the CHAN ^/v and VOL +/– buttons along with the MENU button to move through the menu system

The Point and Select Method

You only need to know one rule to use the on-screen menus and control panels: point and select.

1. Point to a menu item using the VOL + - to move left or right, and the CH ^ v buttons to move up or down.
2. Select a menu item by pressing the MENU button.

Selecting an item tells the TV's menu system to go ahead and make the change or go to a place you have indicated. You can also select menu items using the number buttons on your remote.

TV Main Menu
1 Picture Quality
2 Screen
3 Channel
4 V-Chip Parental Controls
5 Time
0 Exit

The TV Main Menu

TV Main Menu

The Main menu is your gateway to controlling the TV. It lets you adjust the TV's picture quality, screen, channel settings, parental controls, and time functions.

To select a menu item:

1. Press MENU to bring up the TV's Main menu.
2. Point to a menu item using the CHAN VOL buttons on the remote. Select that item by pressing MENU on the remote.
3. To exit any menu screen, point to *Exit* and press MENU, or press CLEAR.

Picture Quality		
1 Contrast	<.	. . . .>
2 Color	<	>
3 Tint	<	>
4 Black Level	<	>
5 Sharpness	<	>
6 Auto Color		ON
7 Reset Picture Controls		
0 Exit		

The Picture Quality Menu

The Picture Quality Menu

The Picture Quality menu contains five slider controls that adjust the TV's picture. Use the VOL + - and CH ^ v buttons to adjust the controls.

Contrast Adjusts the difference between light and dark areas of the picture.

Color Adjusts the richness of the color.

Tint Adjusts the balance between the red and green levels.

Black Level Adjusts the brightness of the picture.

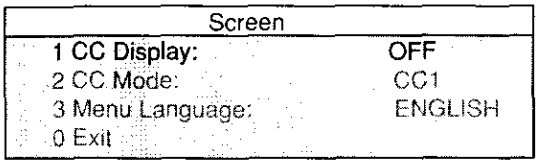
Sharpness Adjusts the crispness of edges in the picture.

Auto Color Displays a choice list that lets you turn on the feature that automatically corrects the color of the picture. (This is especially useful for tracking realistic flesh tone colors as you switch from channel to channel.) Choose *On* or *Off* as preferred.

Reset Picture Controls Resets the picture controls to their original settings.

Tip

You can also use the RESET button on the remote at any time to reset the picture controls to their original settings.



The Screen Menu

The Screen Menu

The Screen menu contains the controls that let you adjust the Closed-Caption display, Closed-Caption mode and Menu Language.

Closed-Caption Display Lets you choose the way closed captioning information is shown on the screen. Use the MENU button to toggle between the following:

Off No captioning information displayed.

On Captioning information shown always, when available.

On When Muted Displays captioning information, when available, whenever you press the MUTE button. The captioning information is not displayed when the sound is not muted.

Closed-Caption Mode Lets you choose which captioning mode is used for displaying captioning information. Use the MENU button to toggle between the choices: CC1 and CC2.

Menu Language Lets you select the language of your choice: English, French, or Spanish. Use the MENU button to toggle between the choices.

Closed Caption Modes

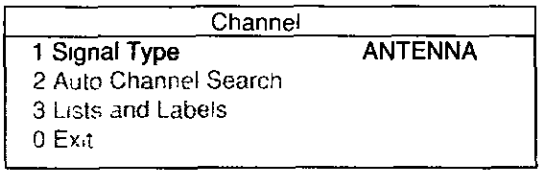
CC1: full translation of the primary language in your area

CC2: secondary language translation, simplified English, or whatever is being broadcast in your area

Using Closed Captioning

Many programs are encoded with closed-captioning information, which lets you display the audio portion of a program as text on the TV screen.

Closed captioning is not available on all channels at all times. Only specific programs encoded with closed-captioning information are applicable. When a program is closed captioned, the *CC* icon is displayed in the channel marker.



The Channel menu

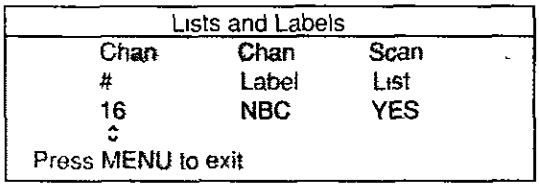
The Channel Menu

The Channel menu contains all the commands used to control your channels, including custom-building your channel list.

Signal Type Displays a toggle that lets you select the current antenna type.

> ***Antenna*** Choose this if you are currently using an off-air antenna for UHF/VHF TV signals.
>
> ***Cable TV*** Choose this if you are currently using cable or a cable box for TV signals.

Auto Channel Search Selecting this option tells the TV to search automatically for all the channels available through the antenna input. When the TV finds an active channel, it places it in the channel list. Inactive channels (Weak stations or channels with no signal at all) will be removed from the channel list. You may interrupt this process by pressing the MENU button.)



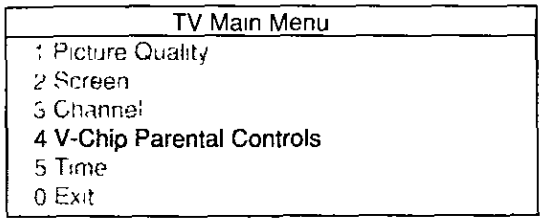
The Lists and Labels screen

Lists and Labels Displays a control panel that lets you custom-build your channel scan list and choose a four-character label for each channel. Use the VOL + - buttons to move left and right between fields, use the CH^ v buttons to move up and down, enter settings and create labels. Press MENU to exit.

> ***Channel Number*** Use the CH^ v buttons to scroll through the channel scan list. You can also enter the channel number directly using the number buttons.
>
> ***Channel Labels*** Use the CH^ v buttons to enter a four-character label for each channel.
>
> ***Scan List*** Only the channels included in the scan list are available when you scan up and down using the CH ^ v buttons. Use them to indicate whether the channel number indicated is included (YES) or is not included (NO) in the channel scan list.

Tip

You can always press MENU to exit back to the previous screen.

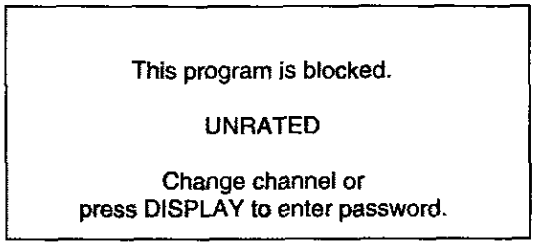


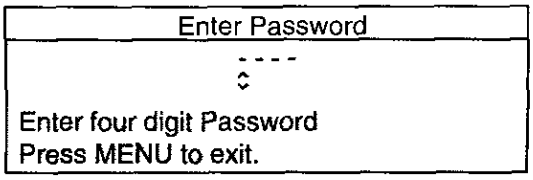
Selecting V-Chip Parental Controls

V-Chip and Parental Controls (Not Available)

The *V-Chip Parental Controls* menu allows consumers in some markets to program the TV so that children cannot see certain programs.

The choices in this menu involve a chip inside your TV called V-Chip. These V-Chip functions will not work on your TV because the features depend upon special additions to the broadcast signal not yet available in your market. Please disregard them.



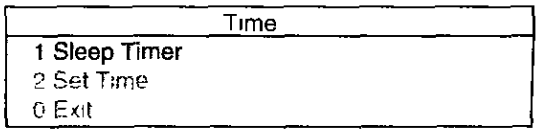


The Enter Password screen

Unlocking V-Chip Parental Controls

The V-Chip inside your TV comes turned off. However, if the screen shown on the right appears, the V-Chip Parental Controls have been locked. Follow these steps to unlock the Parental Controls and return to normal viewing.

1. Press DISPLAY on the remote control to bring up the *Enter Password* screen shown on the right.
2. With the *Enter Password* screen still up, press the following buttons on the remote, one by one: MUTE, DISPLAY, CLEAR and RESET.



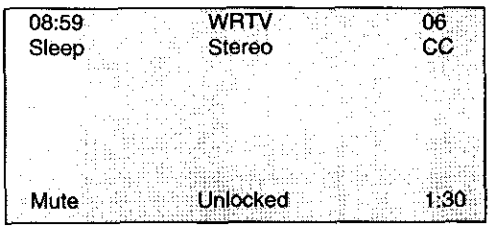
The Time menu

The Time menu

The Time menu contains the controls that let you set the Sleep Timer and Set Time functions.

Sleep Timer Displays a control panel that lets you select the amount of time you want to give the TV before it shuts itself off. Use the CH^ v buttons to increase or decrease the sleep timer by 15 minute increments. Press MENU to exit.

Set Time Displays a control panel that lets you enter the current time. Use the CH ^ v and number buttons to set the time. Press MENU to exit.



***The Channel* Marker shown is just an example of what your screen may look like.**

Tip:

You can press MENU or CLEAR to make the Channel Marker disappear; it will disappear automatically after a short time.

Channel Marker

The Channel Marker comes up when you first turn on the TV, change channels, or press the DISPLAY button.

08:59 Displays the current time.

WRTV Displays the label assigned to the current channel.

06 Displays the current channel.

Sleep Displayed when the Sleep Timer has been set.

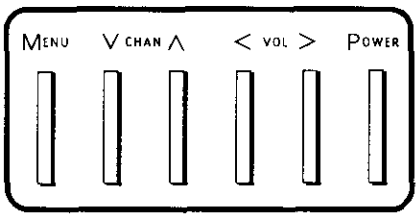
Stereo Displayed when the current channel is broadcasting in Stereo.

CC Displayed when Closed Captioning is available.

Mute Displayed when you mute the audio.

Unlocked Displays whether the V-Chip system is locked, unlocked, or disabled.

01:30 Displayed to count down time left on the commercial skip timer.



Front Panel

VOL < Decreases the volume. When in the menu system, VOL < is used to point left to items and adjust menu controls.

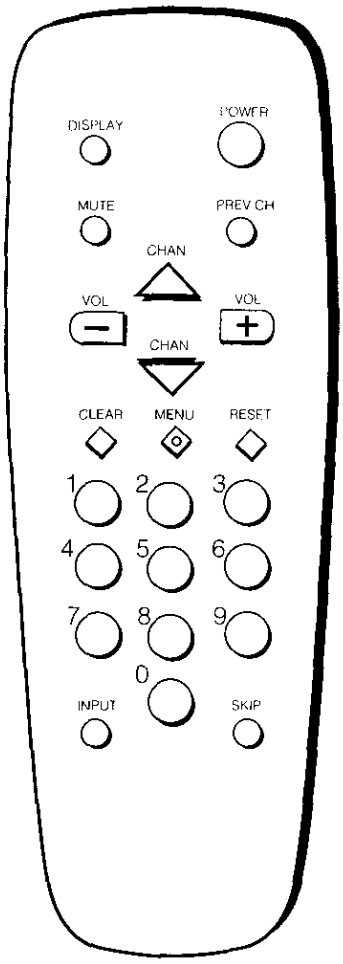
VOL > Increases the volume. When in the menu system, VOL > is used to point right to items and adjust menu controls.

CHAN ^ Scans up through the channel list. In the menu system, it points up to items and adjusts menu controls.

CHAN v Scans down through the current channel list. In the menu system, it points down to items and adjusts menu controls.

MENU Brings up the Main menu. When in the menu system, it selects highlighted items. Also returns you to the previous menu.

POWER Turns the TV on and off.



Remote Control

DISPLAY Brings up available channel information.

POWER Turns the TV on and off.

MUTE Turns off the TV's sound. Press again to restore the sound.

PREV CH Returns you to the previous channel.

VOL - or VOL + Decreases or increases the TV's volume. Also used as left and right arrows in the menu system.

CHAN ^ or CHAN v Scans up or down through the current channel list. Press once to change channels; press and hold to continue changing channels. Also used as up and down arrows in the menu system.

CLEAR Removes any menu or display from the screen and returns you to TV viewing. Also cancels the SKIP timer.

MENU Brings up the Main menu. When in the menu system, selects highlighted items or returns you to the previous menu.

RESET Returns all picture quality controls to their original settings.

(0-9) Number Buttons Enters channel numbers and time settings directly though the remote control. To enter a three-digit channel, press and hold the first digit, then add the second two.

INPUT Press to toggle through available input sources (CH3, CH4, etc.).

SKIP (Commercial Skip) Press once before changing channels. The TV will wait 30 seconds before returning you to the original channel. Press again to add more time. Press CLEAR to cancel the SKIP timer.

DISPLAY Button Functions

*Press **once** to bring up the channel marker.*
*Press **twice** to clear the screen.*

Troubleshooting

If you experience any difficulty with your TV, check these basic remedies before calling your service technician.

TV will not turn on or controls don't work

- Check to make sure it is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
- Try unplugging set for two minutes, plugging it back in, and then turning it on again.

Problems with remote

- Maybe something is between the remote and the remote sensor.
- Maybe the remote is not aimed directly at the TV's remote sensor.
- Maybe batteries in remote are weak, dead or installed incorrectly. Try replacing batteries.
- Remove batteries and hold down one or more buttons for several seconds. Install the batteries and try remote.

Turns on or off while playing

- Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn on again. If this happens frequently, the voltage in your house may be abnormally high.
- Maybe the *Sleep Timer* is active.

"This program is blocked" message appears on the screen

- The V-Chip Parental Controls have been activated. Follow these steps to deactivate them:
  1. Press DISPLAY on the remote control to bring up the *Enter Password* screen.
  2. With the *Enter Password* screen still up, press the following buttons on the remote, one by one: MUTE, DISPLAY, CLEAR and RESET.

Blank screen or black box appears on the screen

- Try another channel.
- Press RESET, in case the picture controls are set too low.
- Captioning may be turned on. Check the *Closed-Caption Display* control panel in the Screen menu.

No sound, picture okay

- Maybe sound is muted. Try pressing volume up button to restore sound.

No picture, no sound, but power is on

- Maybe cable/air function is in wrong position.
- Maybe a vacant channel is tuned.

Sound okay, picture poor

- Check antenna connections.
- Try adjusting sharpness function to improve weak signals.

Care and Cleaning

CAUTION: Turn OFF your TV before cleaning.

You can clean the TV as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.

The TV's screen mayu be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water. Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the TV.

While cleaning do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the TV. Also, avoid placing drinks and vases with water on top of the TV. This could increase the risk of fire or shock hazard or damage to the TV.

Caution: If fixed (non-moving) images are left on the screen for long periods, they may be permanently imprinted on the picture tube. Such images include network logos, phone numbers, and video games. This damage is not covered by your warranty. Extended viewing of channels displaying these images should be avoided.

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